

CABLE SEC DISSEM BY **38** PERTOTAL COPIES **45-1**

RUN BY

PERSON/UNIT NOTIFIED

ADMIN INTERNAL USE ONLY

REPRODUCTION BY OTHER THAN
ISSUING OFFICE IS PROHIBITED

ADVANCE COPY ISSUED/SLOTTED

BY AT Z

STATE MESSAGE

ACTION UNIT

I **RF** FILE **VR** **OCILSOV3, OCILCSS, NIDUSSR,**

1

4

ACTION #

N **CR/4, OPR4, IND/CO, DRR4, [REDACTED] CO-5/HSG,**

2

5

F **DD2, OS/PSD4, DAST2, O43, SE7, SS3, OSO/IC, [REDACTED] PS/KO3,**

3

6

T 794739

EIA989

PAGE 01

NC 79722

TOR:182028Z FEB 75

STATINTL

STATSPEC

R 181520Z FEB 75
FM AMEMBASSY MOSCOW
TO SECSTATE WASHDC 7324
BT

UNCLAS MOSCOW 2217
FOR DES/SCIXSEP

E.O. 11652: NA

TAGS/ TBIO OCON UR US

SUBJ: US-USSR S&T AGREEMENT: MICROBIOLOGY: GENETIC MEETING
IN THE US,

REF: A. STATE 17617; B. STATE 12560

1. EMBOFF HAS DISCUSSED BY TELEPHONE WITH PROF.
ALIKHANIAN SOVIET PLANS FOR PARTICIPATION IN AMERICAN
SOCIETY FOR MICROBIOLOGY ANNUAL MEETING FOLLOWED BY
MEETING OF US AND SOVIET PARTICIPANTS IN GENETIC
SUB-PROJECT UNDER MICROBIOLOGY AREA OF S&T AGREEMENT
AND REQUESTED NAMES OF SOVIET SPEAKERS AND TITLES
OF PRESENTATIONS AT FORMER MEETING (REF A).

2. ALIKHANIAN SAID HE HAS SENT LETTER REQUESTING
MORE SPECIFIC INFORMATION ON SOVIET PARTICIPATION TO
DR. HALVORSON AND IS AWAITING RESPONSE BEFORE AGREEING
TO VISIT OF SOVIET SPECIALISTS. ALIKHANIAN ASKS
FOLLOWING QUESTIONS IN HIS JANUARY 13 LETTER:

(A) SHOULD SOVIET PARTICIPANTS IN "SYMPOSIUM"
PRESENT THEIR PAPERS?;

(B) CAN THE SOVIET EXPERTS PARTICIPATE IN THE
MEETINGS OF THE ASM?;

(C) WILL VISIT BE MADE ON SENDING SIDE PAYS BASIS,
OR THE REVERSE?;

(D) WILL SOVIET EXPERTS HAVE OPPORTUNITY TO VISIT
INSTITUTIONS, SUCH AS ROCKEFELLER UNIVERSITY,
COLD SPRING HARBOR, UNIVERSITY OF ROCHESTER, ETC?

3. REFTELS APPEAR TO ANSWER FIRST THREE POINTS BUT
EMBASSY WOULD APPRECIATE RECEIVING HALVORSON'S RE-
SPONSE TO ALL OF ALIKHANIAN'S QUESTIONS ASAP IN
ORDER TO GET FIRM SOVIET COMMITMENT ON PARTICIPATION
IN SUBJECT MEETINGS. STOESSEL

hcs
EXS-FILE
MICROBIOLOGY

State Dept. declassification & release instructions on file

February 11, 1975

25X1A

Professor I. Berezin
Faculty of Chemistry
Moscow State University
Moscow, USSR

*Microbiological
Means*

Dear Professor Berezin:

I am happy to see that the First US-USSR Enzyme Seminar can soon take place in Moscow. Enclosed is a list of nine members of the US team for the Seminar. Their affiliations are included and also the subject areas that each of us is prepared to discuss.

Our preferred date for the Seminar is from April 7 to April 14, 1975. Please give us your assistance in obtaining Soviet Visa for our team members.

Dr. George Guilbault is on leave from Louisiana State University and is presently in Europe. He will not be able to attend the Seminar.

In addition to oral presentations and discussions, the US team would like to visit several Soviet research centers of enzyme technology. We would like to have your help in arranging a few of such visits.

Dr. Henry R. Bungay and I, both coordinators of Project 4 on Enzyme Applications, would also like to spend two or three additional days in Soviet Union after the Seminar Program is completed to visit several specific research laboratories. The main purpose is to prepare for several American junior postdoctoral scientists to visit and work in these laboratories in the future. We would like to discuss the specific research projects these scientists can work on in USSR and also all the logistic arrangements such as living quarters, expenses, and so on. We would like to have you and your colleagues to do the same in the US. If you are going to attend the 3rd International Enzyme Engineering Conference in Portland, Oregon in August 1975, that may be a suitable time for us to have detailed discussions. The following is a list of Soviet laboratories we would like to include in the places to have our junior postdoctoral scientists to work in, but we would also like to have your suggestions.

1. Moscow State University to work on enzymatic oxidation of hydrocarbons and light and sound induced enzymatic reactions.
2. Institute of Hydrolysis in Leningrad under Dr. V. I. Sharkov to work on cellulose hydrolysis.
3. All Union Institute of Biosynthesis of Protein Substances in Moscow in the group under Dr. K. A. Kaunyants and Dr. L. S. Losyakova to work on cellulases and cellulose utilization.

Microbiology

LESS

OSI.

4mil

CRS

file (Microbiology)

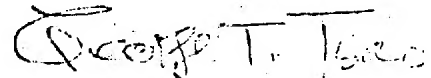
Bilal - SAT

10 MAR 1975

Professor Berezin, page 2, February 11, 1975

Dr. Bungay and I would also like to have the opportunity during our stay in the Soviet Union, to discuss with you the programs of the 2nd US-USSR Enzyme Seminar to be held in the United States in 1976.

Sincerely yours,



George T. Tsao, Professor
Coordinator of Project 4
US Working Group

cc: Dr. J. M. Leise
Dr. H. R. Bungay

1. Henry R. Bungay
Worthington Biochemicals
Freehold, New Jersey
201-462-3838
Scale up of purification process
2. Clark Colton
Department of Chemical Engineering
Massachusetts Institute of Technology
Cambridge, Massachusetts
617-253-4585
Cofactor Engineering
3. Charles Cooney
Department of Nutrition and Food Science
Massachusetts Institute of Technology
Cambridge, Massachusetts
617-253-2126
Enzyme Production
4. Nathan O. Kaplan
Department of Chemistry
University of California San Diego
La Jolla, California
714-452-3052
Biophotolysis
5. Henry Lim
School of Chemical Engineering
Purdue University
West Lafayette, Indiana
317-749-2238
Reactor Design and Optimization
6. George T. Tsao
School of Chemical Engineering
Purdue University
West Lafayette, Indiana
317-749-2603
Production of Sugar
7. Howard Weetall
Corporate Research Center
Corning Glass Works
Corning, New York
607-974-3388
Current and Potential Industrial Applications
8. Michael Weibel
Biochemistry Department
University of Pennsylvania
Philadelphia, Pennsylvania
215-243-8098
Miniature Immobilized Enzyme Reactors for Analytical Applications
9. Oskar Zaborsky
National Science Foundation
Washington, D.C. 20550
202-634-6260
Immobilization and Chemical Modification